



Defense Supply Center Richmond

2009 Environment, Energy & Sustainability Symposium & Exhibition

Evolving the Hazardous Materials Information System (HMIRS) for Tomorrows HAZMAT Challenges

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DLA's Aviation Supply & Demand Chain Manager

Report Documentation Page			Form Approved OMB No. 0704-0188	
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1. REPORT DATE MAY 2009	2. REPORT TYPE	3. DATES COVERED 00-00-2009 to 00-00-2009		
4. TITLE AND SUBTITLE Evolving the Hazardous Materials Information System (HMIRS)			5a. CONTRACT NUMBER	
			5b. GRANT NUMBER	
			5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)			5d. PROJECT NUMBER	
			5e. TASK NUMBER	
			5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Defense Supply Center Richmond, 8000 Jefferson Davis Highway, Richmond, VA, 23297			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)			10. SPONSOR/MONITOR'S ACRONYM(S)	
			11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited				
13. SUPPLEMENTARY NOTES Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 4-7 May 2009 in Denver, CO.				
14. ABSTRACT				
15. SUBJECT TERMS				
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 10
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified	19a. NAME OF RESPONSIBLE PERSON	



Hazardous Materials Information Resource System (HMIRS)



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- Authority – DoDI 6050.05
 - DLA Appointed Lead Component
- DSCR – Functional Manager
- DLIS – Program Manager
- Designated by BTA as Authoritative Source for MSDSs



Present Efforts/Issues

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- **Globally Harmonized System (GHS)**
- **Extensible Mark-up Language (XML) Schema for Fully Structured MSDS**
- **Registration, Evaluation , Authorization and Restriction of Chemicals (REACH)**
- **Evolution to Hazmat Business Process Review (BPR) Requirements**



GHS Issues



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- OSHA Still Needs to Impact U.S. HAZCOM Standard
- Primary Differences of GHS
 - Hazard Determination Methodology
 - Standard Format for Data
 - Use of Pictograms
- Implementation Options Permitted



REACH

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- **Uses GHS as a Baseline with Major Additional Requirements**
 - Shifts Burden of Hazard Evaluations to Manufacturers
- **Specific Use Scenarios Part of SDS**
 - User to Ensure Use Consistent with Use Scenarios
- **Implementation Just Beginning**



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- Accommodates ESOH Pictograms
- Will Place MFR's Use Data in Value-Added
- Hazard Assessment Data in Value Added



DOD HAZMAT Business Process Review (BPR)



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- OSD (BEI) Leads Effort
 - Representation from Military Departments & DLA
- Major Consideration: Standardized
 - Data Elements (Definitions & Properties)
 - Process Using HAZMAT
- Accommodate Business Enterprise Solutions



XML Project for MSDS



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- Evolution from EDI standards
- DLA Initiated Project under United Nations Center for Trade Facilitation & Electronic Business (UN/CEFACT)
- Develop International MSDS (SDS) Data Schema
- Facilitate Electronic Exchange of Data (Fully Structured) between Trading Partners



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- **Initial UN/CEFACT MSDS XML Schema Approved Mar 09**
- **Presently Researching Implementation Efforts**
 - **Basic Schema Silent on Field Lengths**
- **Looking at Implementation Version of Schema**
- **Working with U.S. Industry Players**



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Questions?